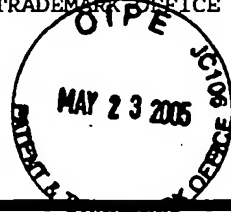


FORM PTO-1449
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PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.
BCO / 18126 / 10/730,725INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
David Bengtson et al.FILING DATE / GROUP
12/8/03 / 2681

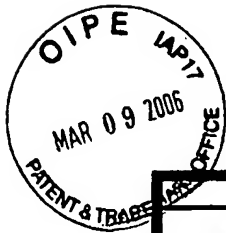
U.S. PATENT DOCUMENTS							
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NV	AB	5,867,060	2/99	Burkett, Jr. et al.	330	2	2/97
NV	AC	5,999,046	12/99	Kotzamanis	330	124 R	6/98
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
NV	AK	DE 28 07 813 B1	6/79	Germany	H 03 F3	189	
	AL						
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AP		
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	AS		

Examiner:	/Nguyen Vo/	Date Considered:	11/22/2006
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U.S. PATENT DOCUMENTS

EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
NV	AA	4,534,040	8/85	Thapar	375	39	
	AB	4,804,931	2/89	Hulick	332	31R	
	AC	4,947,455	8/90	Swanson	455	115	
	AD	4,952,890	8/90	Swanson	332	152	
	AE	5,268,658	12/93	Edwards	332	151	
	AF	5,367,272	11/94	Hulick	332	149	
	AG	5,392,007	2/95	Cripe	332	149	
	AH	5,450,044	9/95	Hulick	332	103	
NV	AI	5,469,127	11/95	Hulick et al.	332	149	

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EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
NV	AA	5,621,351	4/97	Puri et al.	330	10	
	AB	5,867,071	2/99	Chethik	332	103	
	AC	5,886,573	3/99	Kolanek	350	10	
	AD	6,041,082	3/00	Takeda et al.	375	300	
	AE	6,130,910	10/00	Anderson et al.	375	238	
	AF	6,636,112	10/03	McCune	330	10	
	AG	6,658,238	12/03	Ursenbach et al.	455	102	
	AH	6,738,432	5/04	Pehlke et al.	375	300	
	AI	6,791,417	9/04	Pengelly et al.	330	295	
NV	AJ	6,799,020	9/04	Heidmann et al.	455	103	

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NV	AA	6,816,008	11/04	Kontson	330	51	
NV	AB	US 2005/0030104	2/05	Chen et al.	330	295	
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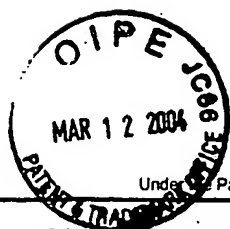
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if known

Application Number	10/730,725
Filing Date	12/08/2003
First Named Inventor	David Bentson et al.
Art Unit	
Examiner Name	
Attorney Docket Number	18126

Sheet 1 of 6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
NV	1	US- 3,978,422	08-31-1976	Rheinfelder	
	2	US- 4,580,111	04-01-1986	Swanson	
	3	US- 4,586,000	04-29-1986	Wagner	
	4	US- 4,646,359	02-24-1987	Furrer	
	5	US- 5,278,997	01-11-1994	Martin	
	6	US- 5,311,143	05-10-1994	Soliday	
	7	US- 5,410,280	04-25-1995	Linguet et al.	
	8	US- 5,642,002	06-24-1997	Mekanik et al.	
	9	US- 5,774,017	06-30-1998	Adar	
	10	US- 5,818,298	10-06-1998	Dent et al.	
	11	US- 5,880,633	03-09-1999	Leizerovich et al.	
	12	US- 5,892,431	04-06-1999	Osterman	
	13	US- 5,930,128	07-27-1999	Dent	
	14	US- 5,939,951	08-17-1999	Bateman et al.	
	15	US- 5,942,946	08-24-1999	Su et al.	
	16	US- 5,952,895	09-14-1999	McCune, Jr. et al.	
	17	US- 6,043,707	03-28-2000	Budnik	
	18	US- 6,043,712	03-28-2000	Leizerovich et al.	
	19	US- 6,075,413	06-13-2000	Katakura	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	76
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
NV	20	WO 01/10013 A1	02-08-2001	Tropian Inc.		

Examiner Signature	/Nguyen Vo/	Date Considered	11/22/2006
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Application Number	10/730,725
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Sheet 2 of 6

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)					
NV	21	US-	6,078,628	06-20-2000	Griffith et al.		
	22	US-	6,094,101	07-25-2000	Sander et al.		
	23	US-	6,097,252	08-01-2000	Sigmon et al.		
	24	US-	6,101,224	08-08-2000	Lindoff et al.		
	25	US-	6,112,071	08-29-2000	McCune, Jr.		
	26	US-	6,133,788	10-17-2000	Dent		
	27	US-	6,140,875	10-31-2000	Van Den Homberg et al.		
	28	US-	6,140,882	10-31-2000	Sander		
	29	US-	6,147,553	11-14-2000	Kolanek		
	30	US-	6,157,681	12-05-2000	Daniel et al.		
	31	US-	6,191,653 B1	02-20-2001	Camp, Jr. et al.		
	32	US-	6,198,347 B1	03-06-2001	Sander et al.		
	33	US-	6,201,452 B1	03-13-2001	Dent et al.		
	34	US-	6,215,355 B1	04-10-2001	Meck et al.		
	35		6,215,359	04-10-2001	Peckham et al		
	36	US-	6,219,394 B1	04-17-2001	Sander		
	37	US-	6,236,284 B1	05-22-2001	Duello et al.		
	38	US-	6,242,975 B1	06-05-2001	Eidson et al.		
	39	US-	6,246,286 B1	06-12-2001	Persson		
	NV	40	US-	6,255,906 B1	07-03-2001	Eidson et al.	

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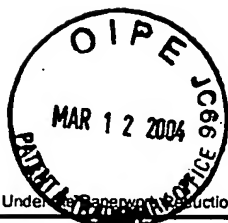
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	16
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/730,725
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First Named Inventor	David Bengtson et al.
Art Unit	
Examiner Name	
Attorney Docket Number	18126

Sheet 3 of 6

U. S. PATENT DOCUMENTS

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NV	41	US- 6,259,901 B1	07-10-2001	Shinomiya et al.	
	42	US- 6,269,135 B1	07-31-2001	Sander	
	43	US- 6,285,251 B1	09-04-2001	Dent et al.	
	44	US- 6,288,916 B1	09-11-2001	Liu et al.	
	45	US- 6,294,957 B1	09-25-2001	Luu	
	46	US- 6,297,694 B1	10-02-2001	Yamamoto	
	47	US- 6,298,244 B1	10-02-2001	Boesch et al.	
	48	US- 6,311,046 B1	10-30-2001	Dent	
	49	US- 6,317,608 B1	11-13-2001	Glöcker	
	50	US- 6,321,072 B1	11-20-2001	Cipriani et al.	
	51	US- 6,323,731 B1	11-27-2001	McCune, Jr.	
	52	US- 6,356,155 B1	3-12-2002	Judkins	
	53	US- 6,366,177 B1	04-02-2002	McCune et al.	
	54	US- 6,369,657 B2	04-09-2002	Dening et al.	
	55	US- 6,377,784 B2	04-23-2002	McCune	
	56	US- 6,380,802 B2	04-30-2002	Pehike et al.	
	57	US- 6,404,823 B1	06-11-2002	Grange et al.	
	58	US- 6,411,655 B1	06-25-2002	Holden et al.	
	59	US- 6,426,677 B1	07-30-2002	Prentice	

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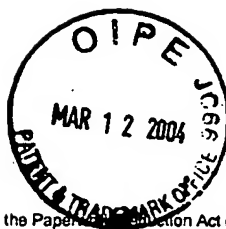
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Attorney Docket Number	18126

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NV	60	US- 6,426,678 B1	07-30-2002	Ko	
NV	61	US- 6,430,402 B1	08-06-2002	Agahi-Kesheh	
NV	62	US- 6,445,247 B1	09-03-2002	Walker	
NV	63	US- 6,449,465 B1	09-10-2002	Gailus et al.	
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Examiner Signature	/Nguyen Vo/	Date Considered	11/22/2006
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				Art Unit	
				Examiner Name	
Sheet	5	of	6	Attorney Docket Number	18126

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
NV	64	HULICK, "The Digital Linear Amplifier", Schwenksville, Pennsylvania	
	65	KOZYREY, "Single-Ended Switching-Mode Tuned Power Amplifier with Filtering Circuit", Poluprovodnikovye pribory v tekhnike svyazi, 1971, pp. 152-166, Vol. 6.	
	66	TimeStar™, "Multi-Mode Polar Modulator" 2002, Tropian Headquarters, USA	
	67	SUNDSTROM, "Digital RF Power Amplifier Linearisers", 1995, Sweden.	
	68	KENINGTON, "Linearised RF Amplifier and Transmitter Techniques", Microwave Engineering Europe, November 1998.	
	69	MANN, et al., "Increasing Talk-Time with Efficient Linear PAs", Presented at IEE Colloquim on Tetra Market and Technology Developments, February 2000, London.	
	70	MANN, et al., "Increasing the Talk-Time of Mobile Radios with Efficient Linear Transmitter Architectures", Electronics & Communication Engineering Journal, April 2001, pp. 65-76, Vol. 13, No. 2.	
	71	HEIMBACH, "Digital Multimode Technology Redefines the Nature of RF Transmission", Applied Microwave & Wireless, August 2001	
↓	72	SWANSON, "Digital AM Transmitters", IEEE Transactions on Broadcasting, June 1989, pp. 131-133, Vol. 35, No. 2.	
NV	73	TROPIAN-PRODUCTS MAIN, www.tropian.com/products/, Copyright 2000-2001, 8/14/02	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/730,725
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				First Named Inventor	David Bengtson et al.
				Art Unit	
				Examiner Name	
Sheet	6	of	6	Attorney Docket Number	18126

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
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